

## ABSTRACT

In a communication device for providing a communication between a user terminal and a network service provider apparatus,  
5 datalink layer information included in data transmitted from a source user terminal is read, a communication function of an existing protocol of outputting data group to a network service provider apparatus when the datalink layer information includes communication request information to the network service provider  
10 apparatus is maintained, and the data are outputted directly to a destination user terminal when the datalink layer information includes shortcut communication request information to the destination user terminal.